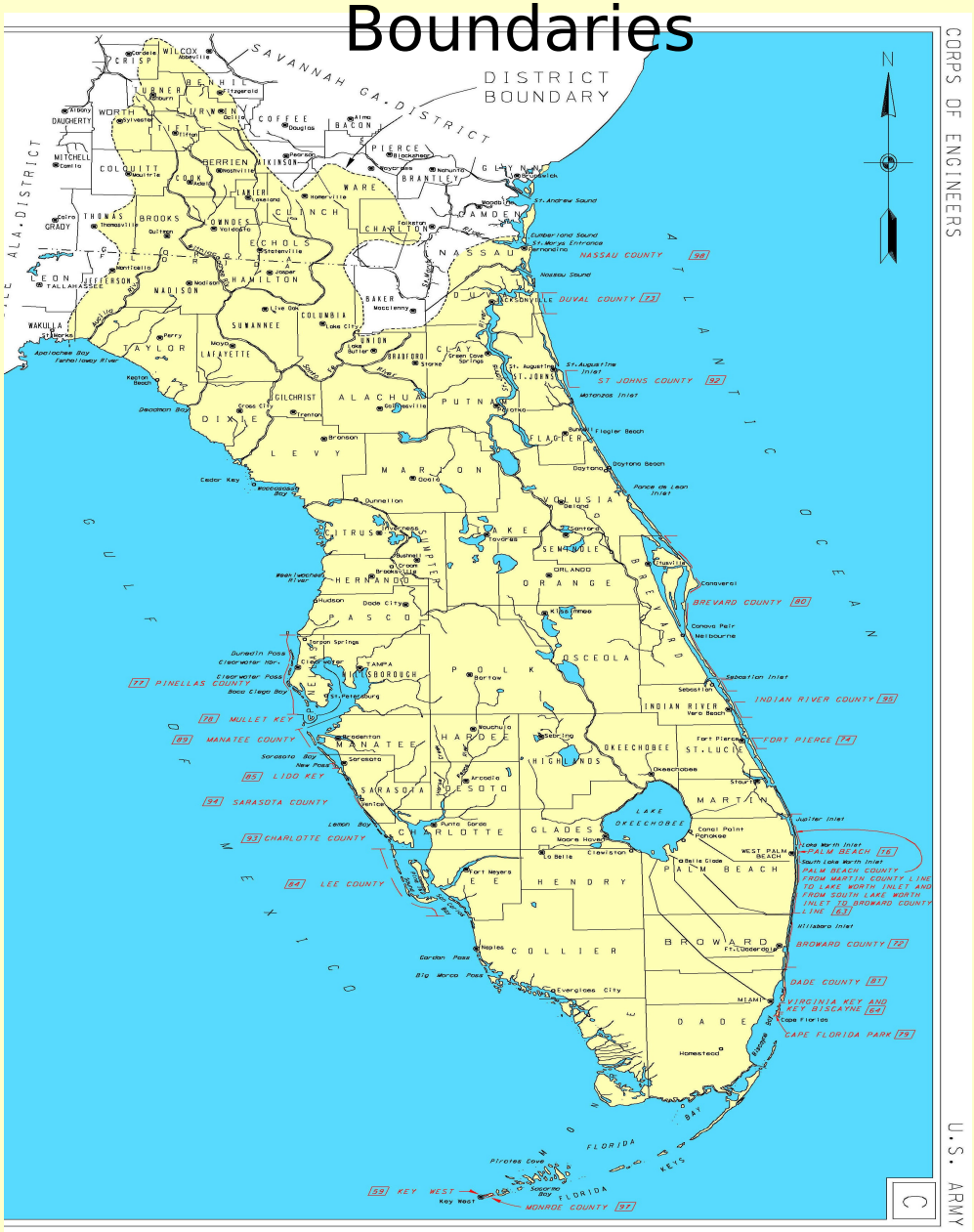
NAD/SAD DREDGING MEETING

JACKSONVILLE DISTRICT

FY 2006

DREDGING PROGRAM

Jacksonville District Boundaries



NAD/SAJ DREDGING MEETING

FY 2006

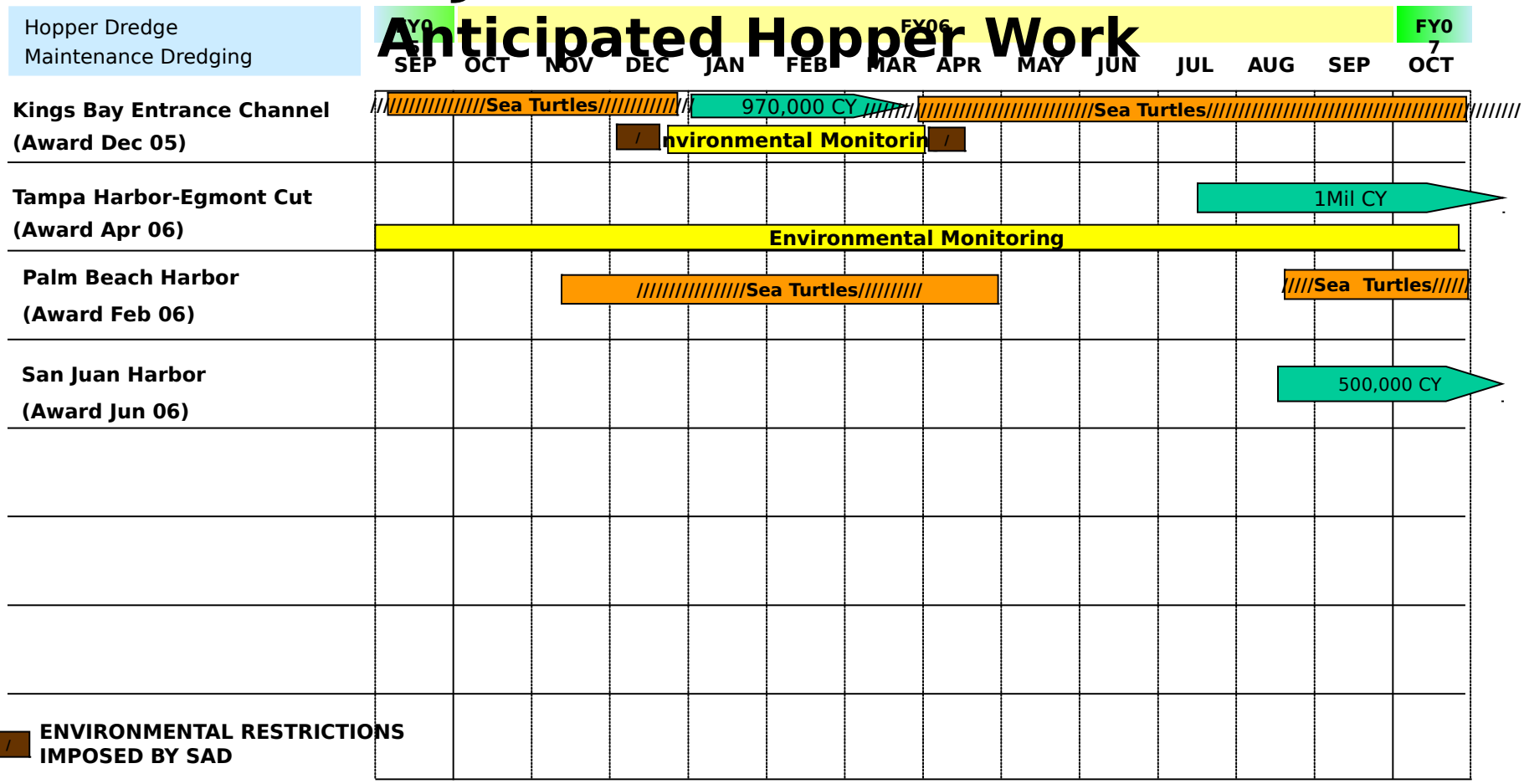
HOPPER DREDGING

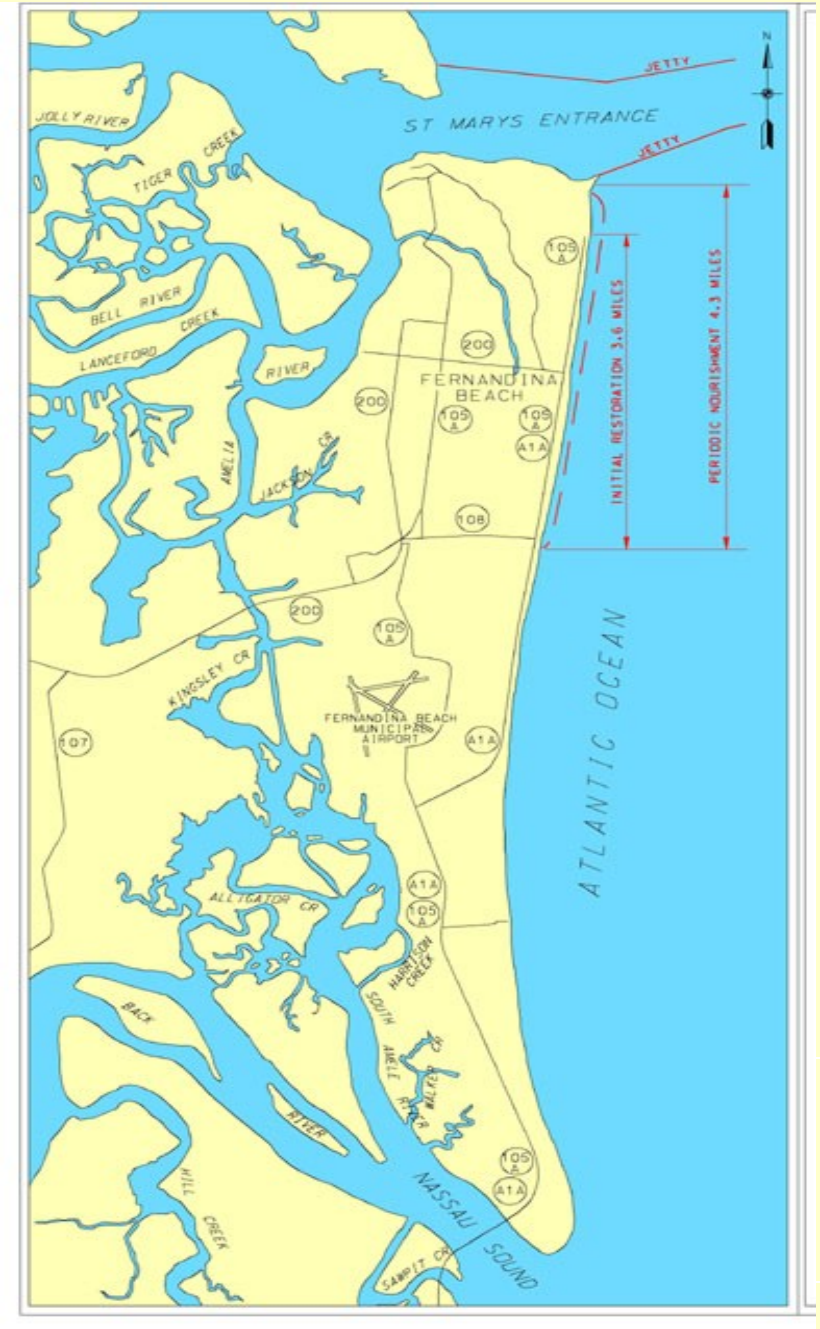
PROGRAM

US Army Corps of Engineers ®

Scheduled FY06 Dredging Work in Jacksonville District

Anticipated Hopper Work



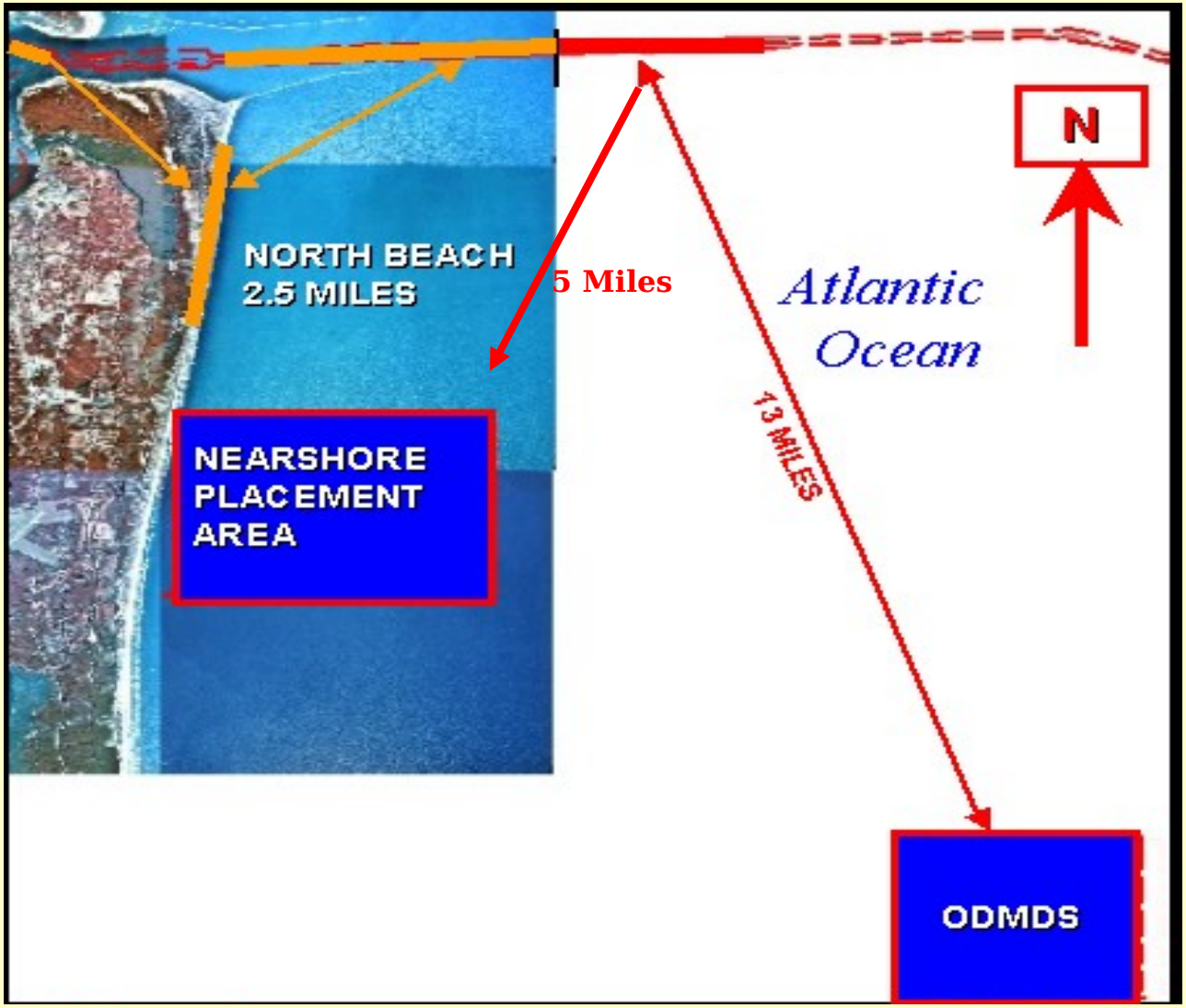


Project: Kings Bay Entrance Channel
Type Work: Maintenance Dredging

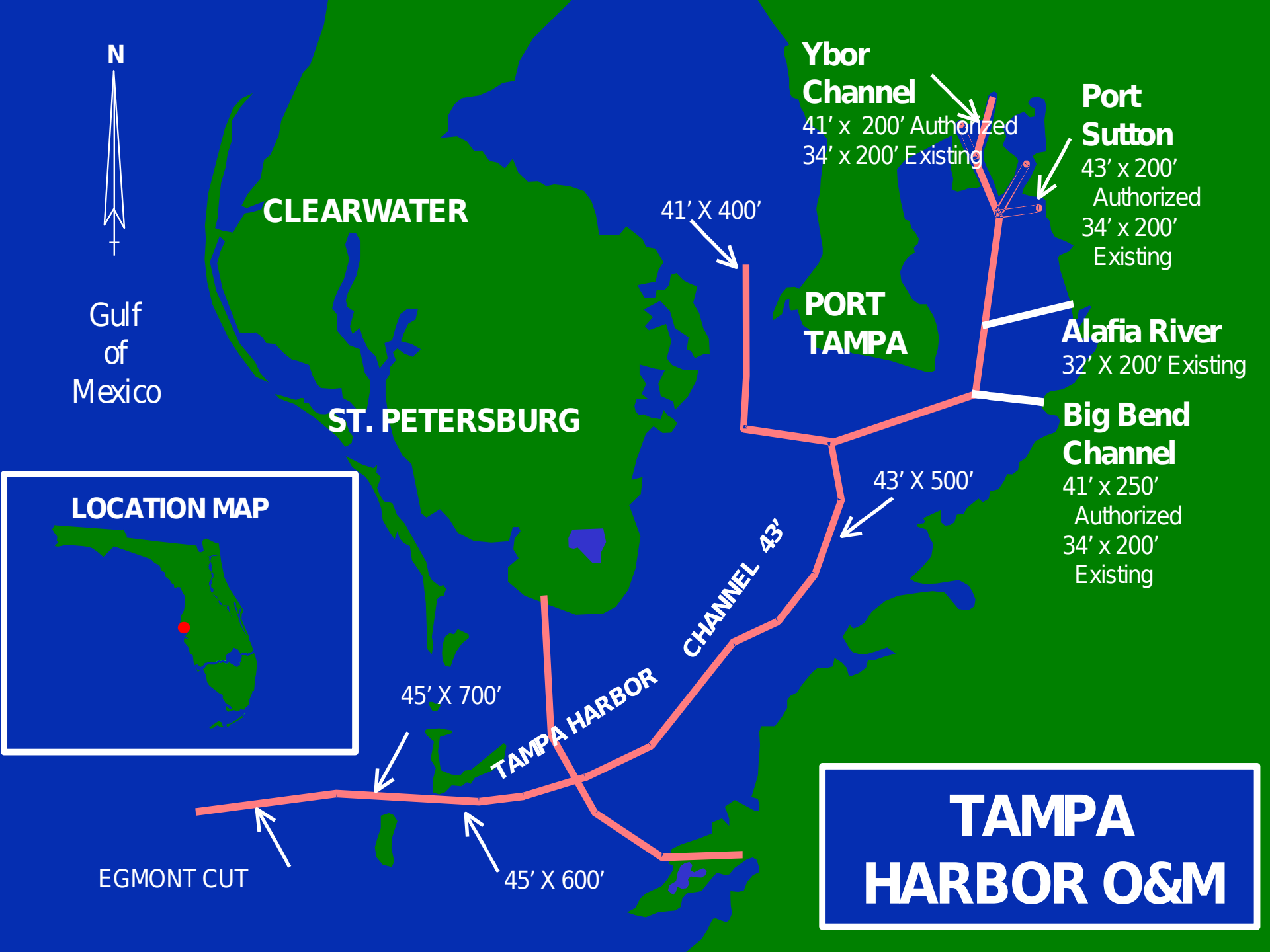
Depth: 49 feet
Width: 500 feet
Length: 40,000 feet
Quantity: 700,000 CY
Type of Material: Sand, silt, clay and shell
Placement Area: Nearshore, ocean, beach
Distance to Placement Area: 13 miles
Type of Equipment: Hopper
Small business Set Aside: No
Last Dredged: 2005
Environmental Window: Yes, 15 Mar – 14 December, no hopper dredging
Reason for window: Sea turtles
FY 06 Funding: Between $1M and $5M

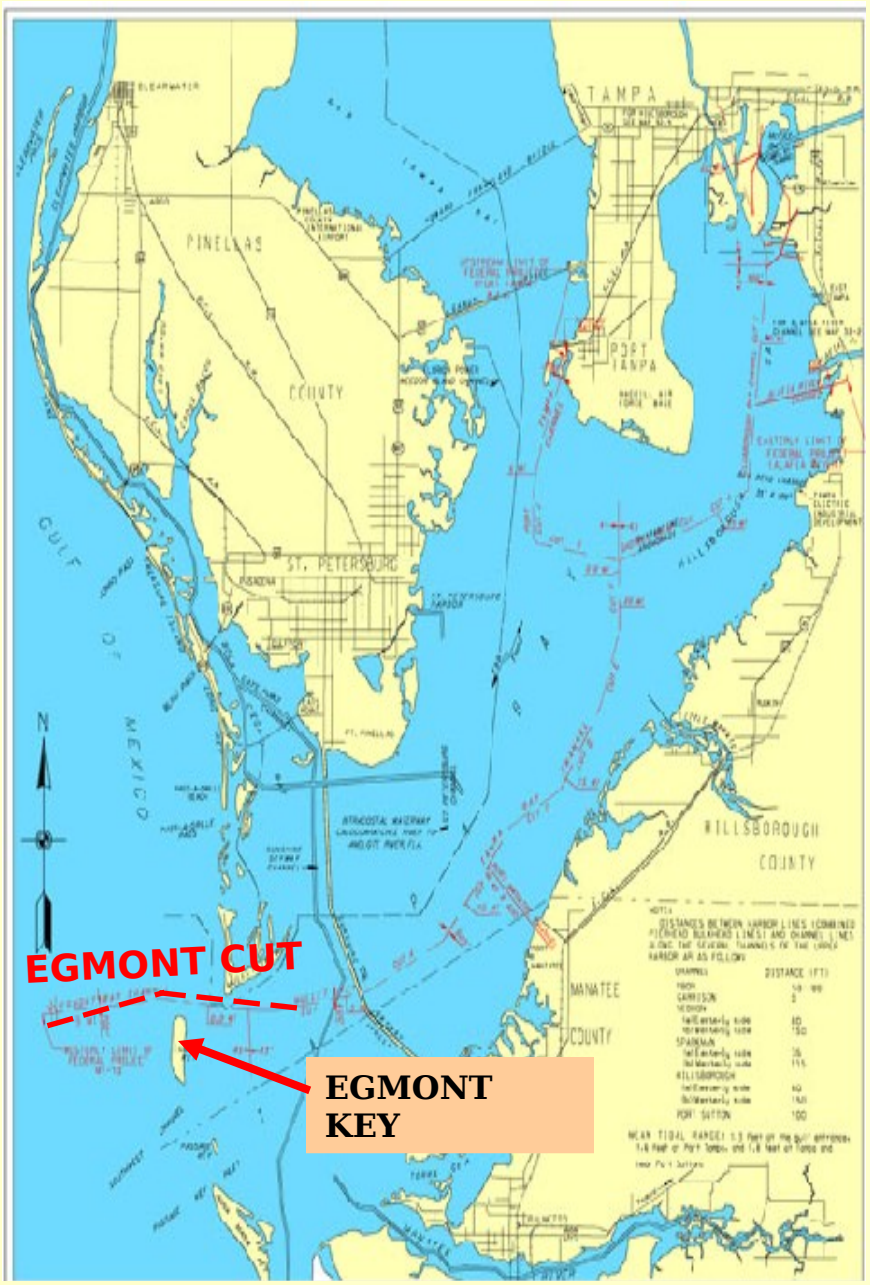
Re-advertisement Date: 13 November 2005
Bid Opening Date: 13 December

Kings Bay Entrance Channel



Kings Bay/ Fernandina Beach


N
Gulf of Mexico
CLEARWATER
ST. PETERSBURG
LOCATION MAP
Ybor Channel
41' x 200' Authorized
34' x 200' Existing
Port Sutton
43' x 200'
Authorized
34' x 200'
Existing
41' X 400'
PORT TAMPA
Alafia River
32' X 200' Existing
Big Bend Channel
41' x 250'
Authorized
34' x 200'
Existing
43' X 500'
CHANNEL 43'
TAMPA HARBOR
45' X 700'
EGMONT CUT
45' X 600'
TAMPA HARBOR O&M

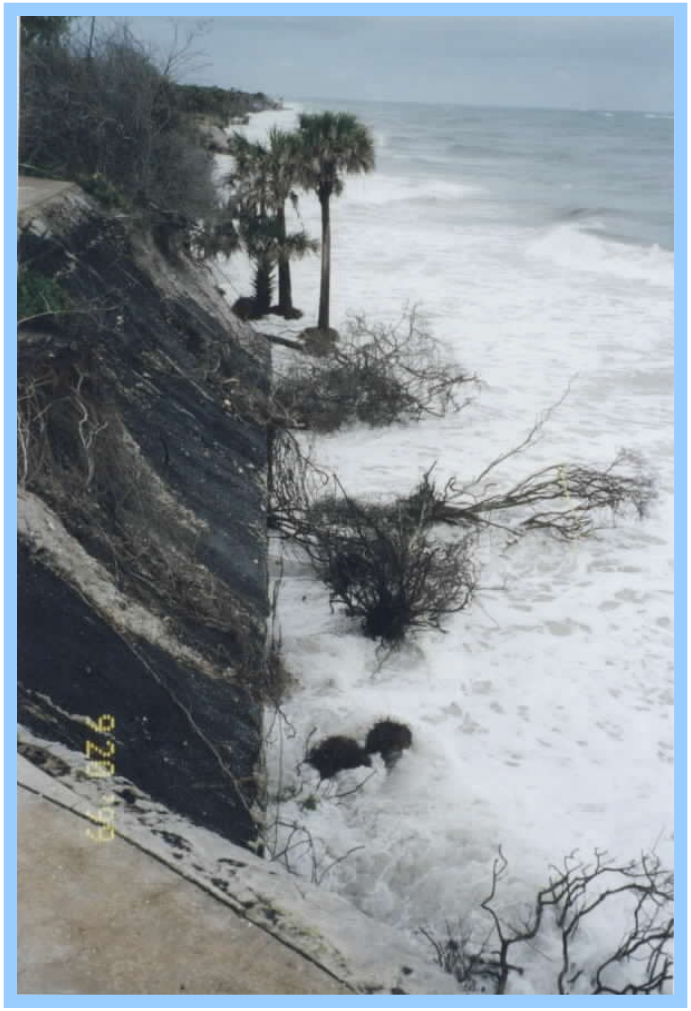


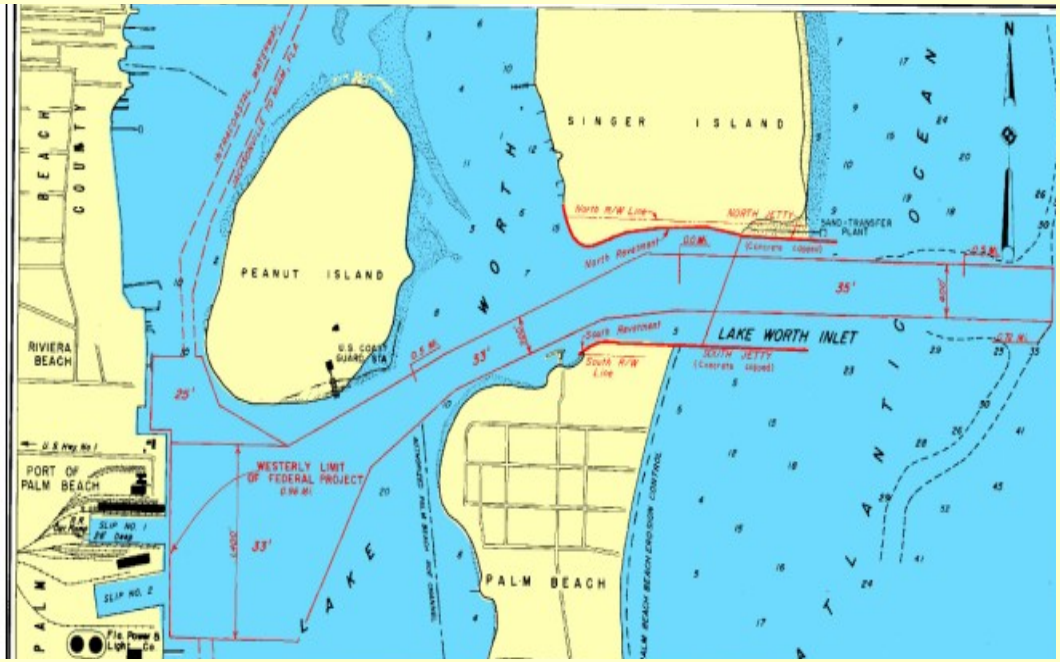
Project: Tampa Harbor-Egmont Cut
Type Work: Maintenance Dredging

Depth: 45 feet at the Egmont Channel
Width: 700 feet
Length: 15 miles in Egmont Channel
Quantity: 1,300,000 CY
Type of Material: sand
Placement Area: Beach
Distance to Placement Area: <12 miles
Type of Equipment: Hopper or clamshell
Small business Set Aside: No
Last Dredged: 1998
Environmental Window: No
Reason for window: NA
FY 06 Funding: Between $5M and $10M

Advertisement Date: 24 January 2006
Bid Opening Date: 11 April 2006
Award Date: 14 April 2006
Dredging Begins: 19 July 2006
Dredging Complete: 20 April 2007

Tampa Harbor Egmont Key Placement Site





Project: Palm Beach Harbor
Type Work: Maintenance Dredging

Depth: 35 Feet
Width: 400 feet
Length: .8 miles
Quantity: 100,000 CY
Type of Material: Sand
Placement Area: Beach or Nearshore
Distance to Placement. 1 mile
Type of Equipment: Hopper
Small business Set Aside: No
Last Dredged: April 2005
Environmental Window: Yes, 1 Nov – 1 May
Reason for window: Nesting Sea Turtles
FY 06 Funding: Between $1M and $5M

Advertisement Date: 1 November 2005
Bid Opening Date: 17 November 2006

PALM BEACH HARBOR
11
N
TURNING BASIN
SOUTH BEACH
ENTRANCE CHANNEL
SETTLING BASIN
Jacksonville District

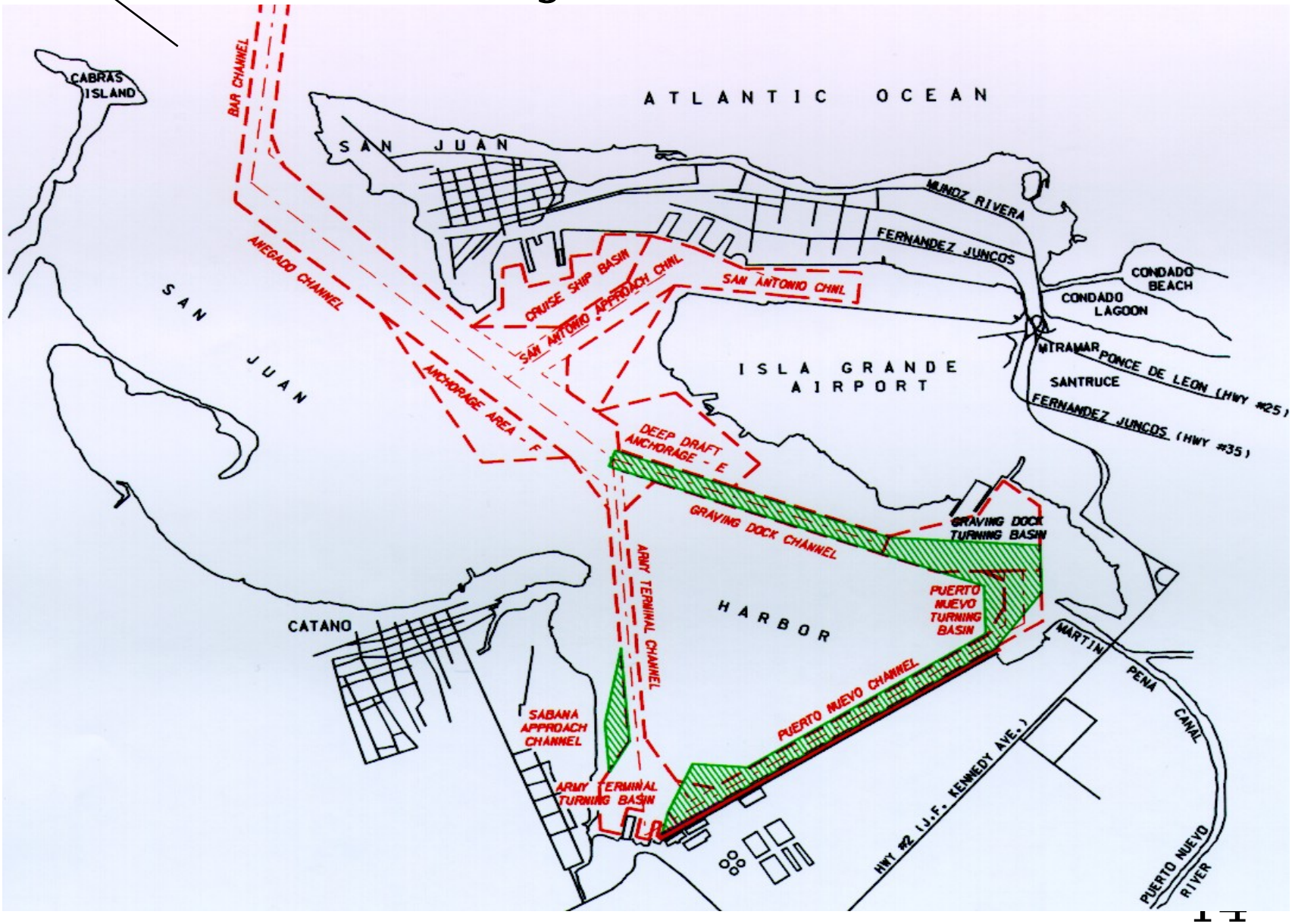
Project: San Juan Harbor
Type Work: Maintenance Dredging

Depth: Ranges from 30 - 40 feet
Width: 400 feet
Length: 30,000 feet
Quantity: 500,000 CY
Type of Material: Silt, clay, sand
Placement Area: ODMDS
Distance to Placement Area: 3 miles
Type of Equipment: Hopper or clamshell
Small business Set Aside: No
Last Dredged: 2002 (new work)
Environmental Window: No
Reason for window: N/A
FY 06 Funding: Between $1M and $5M

Advertisement Date: 2 April 2006
Bid Opening Date: 17 May 2006
Award Date: 16 June 2006
Dredging Begins: 15 August 2006

4.3 KM To ODMDS

San Juan Harbor



San Juan Harbor

NAD/SAJ DREDGING MEETING

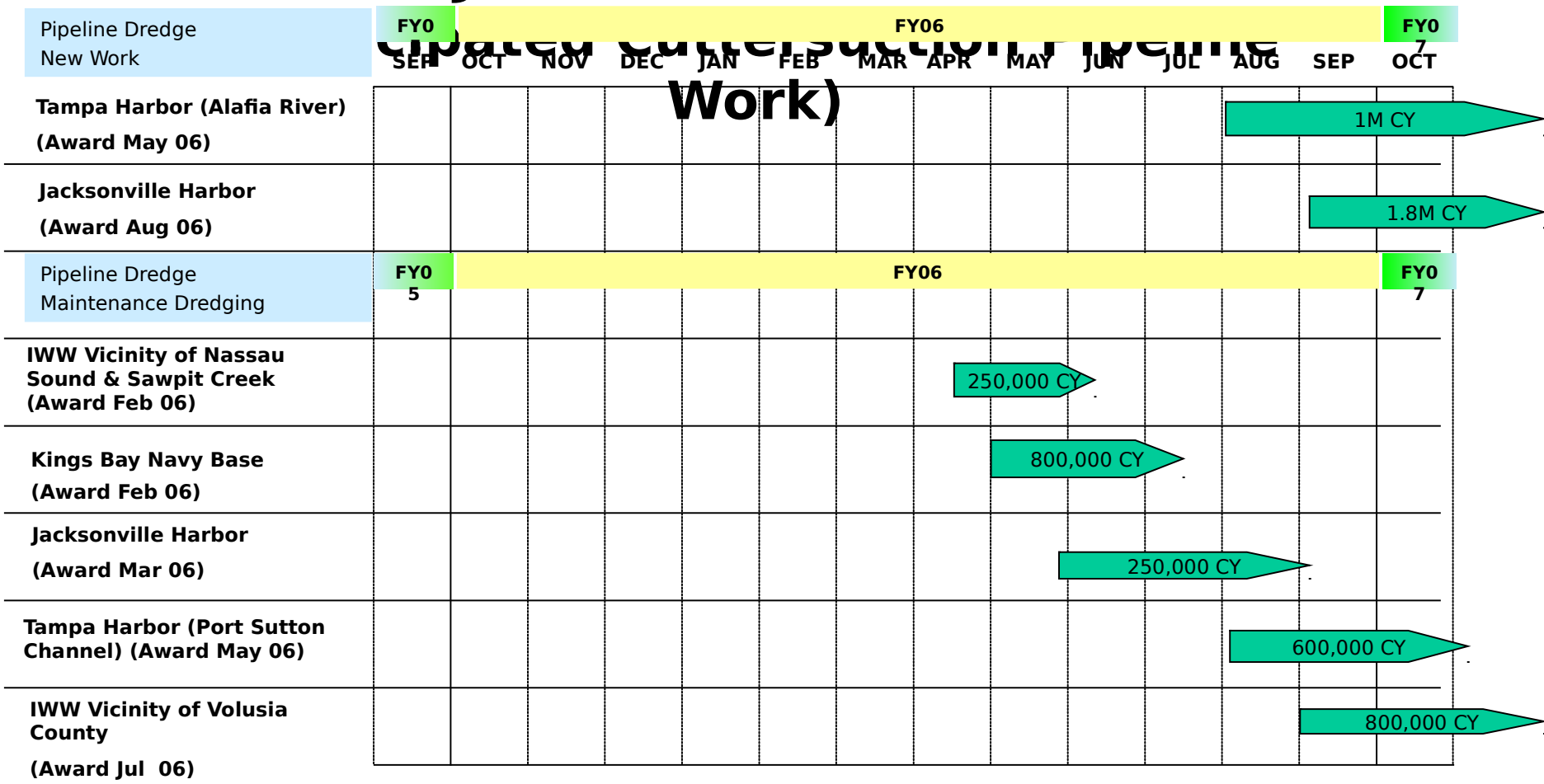
FY 2006

HYDRAULIC CUTTERHEAD PIPELINE

DREDGING PROGRAM

US Army Corps of Engineers ®

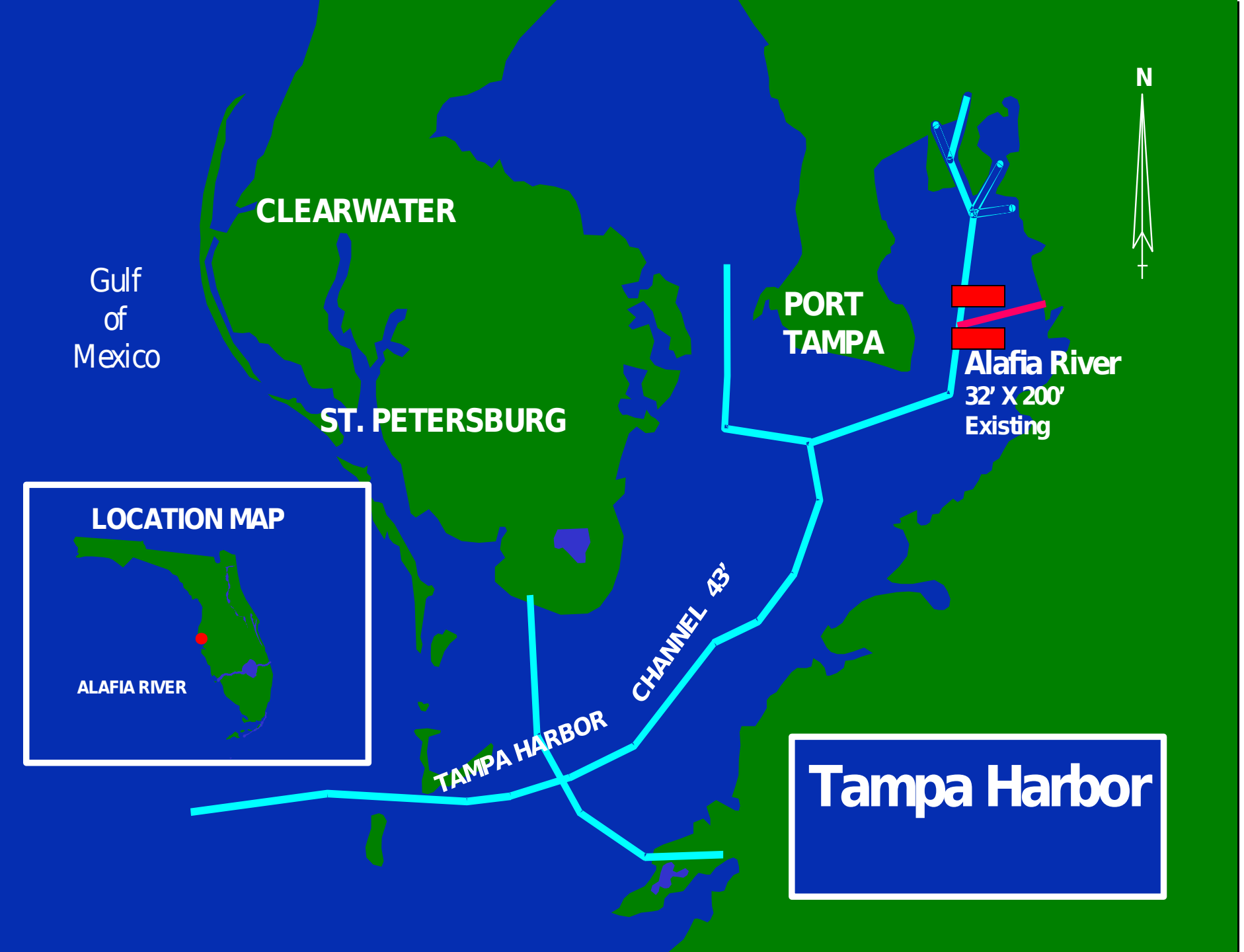
Scheduled FY06 Dredging Work in Jacksonville District



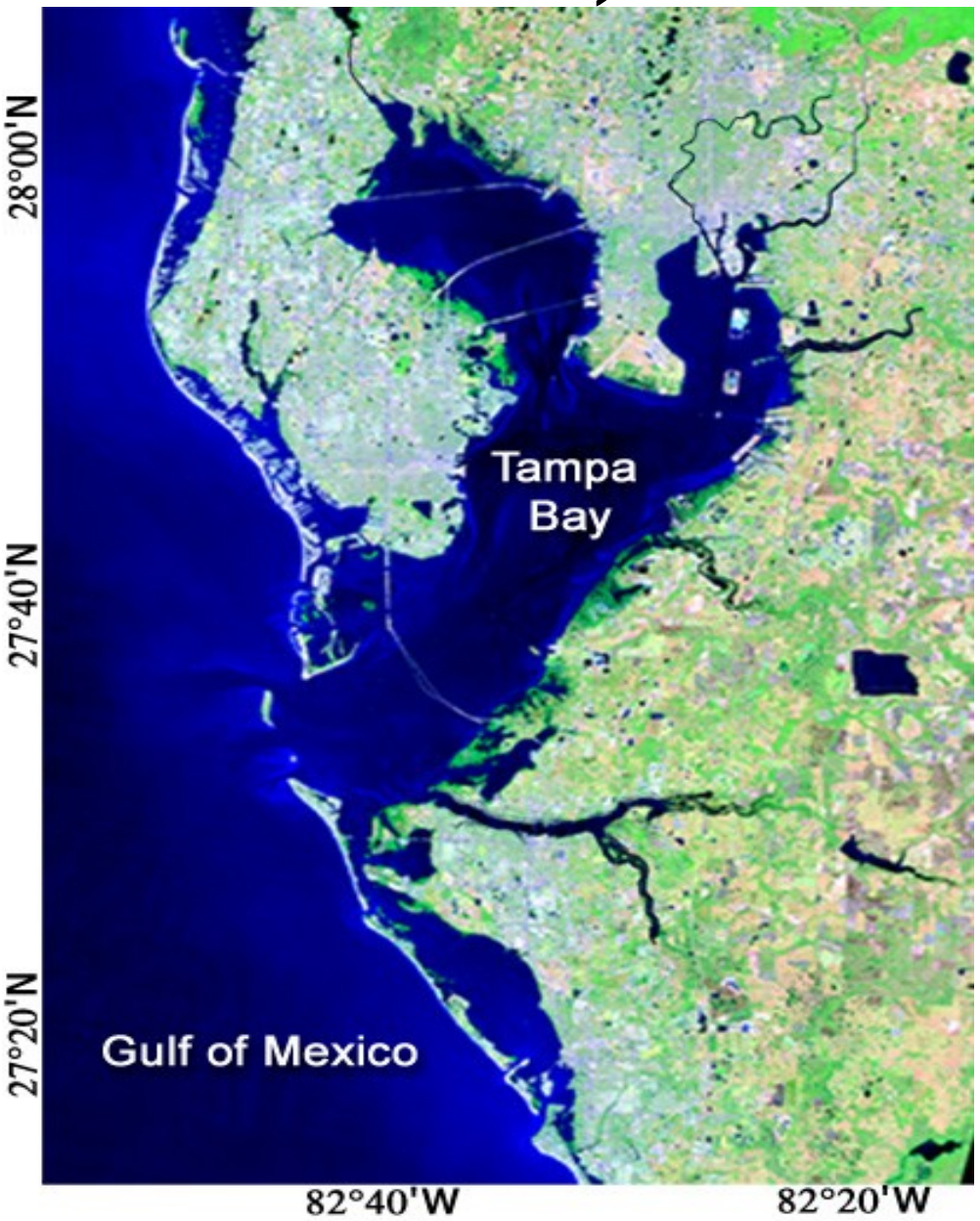
Project: Tampa Harbor (Alafia River)
Type Work: New Work

Depth: 32 feet present, authorized to 42 feet
Width: 250 feet
Length: 2.0 miles
Quantity: 1,000,000 CY
Type of Material: Sand, silt and rock
Placement Area: ODMDS
Distance to Placement Area: 25 miles
Type of Equipment: Cuttersuction or Bucket
Small business Set Aside: No
Last Dredged: 2005
Environmental Window: No
Reason for window: NA
FY 06 Funding: $1M to $5M

Advertisement Date: 22 February 2006
Bid Opening Date: 3 May 2006


N
CLEARWATER
Gulf
of
Mexico
ST. PETERSBURG
PORT
TAMPA
Alafia River
32' X 200'
Existing
LOCATION MAP
ALAFIA RIVER
TAMPA HARBOR
CHANNEL 43'
Tampa Harbor

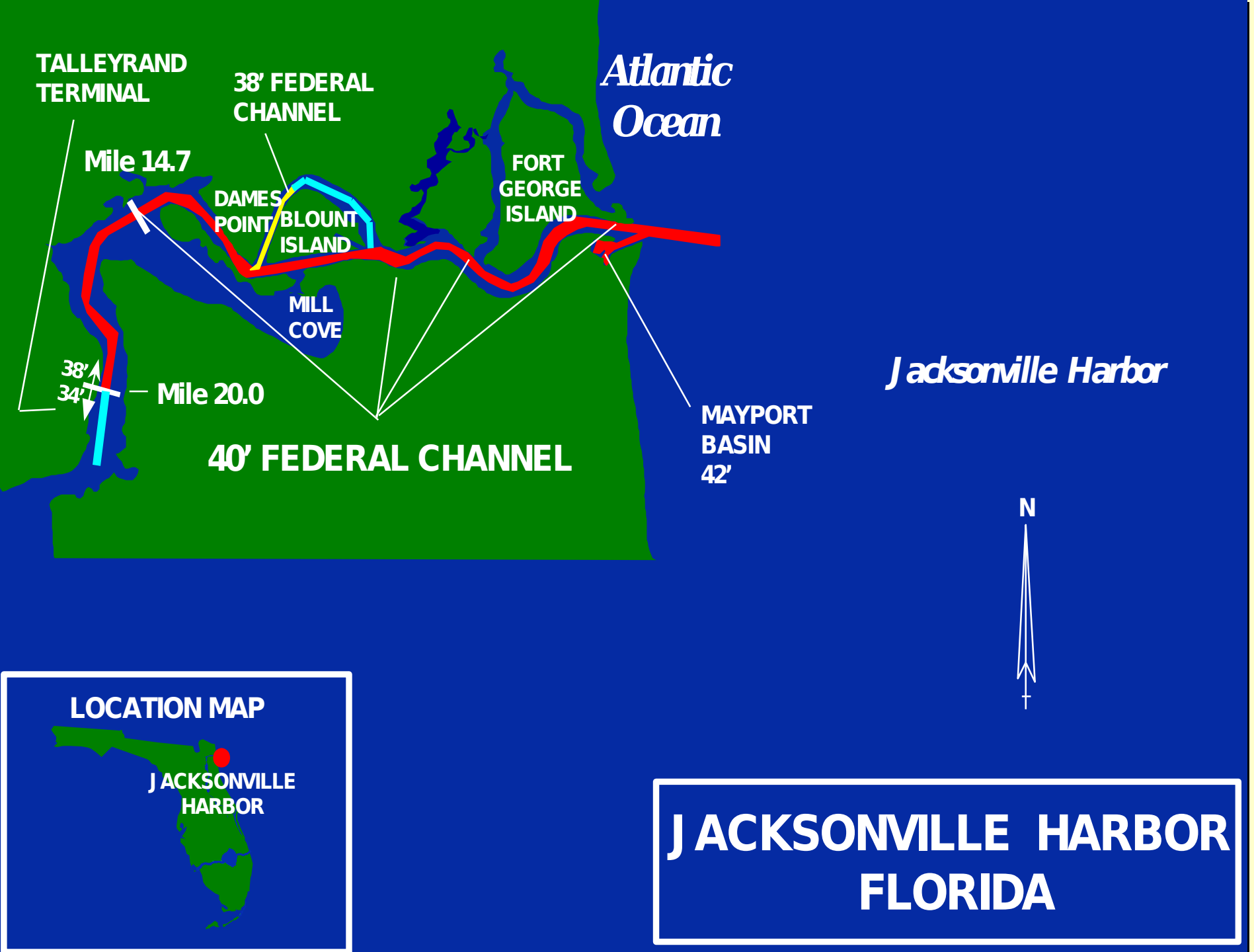
Tampa Harbor (Alafia River)



Project: Jacksonville Harbor
Type Work: New Work

Depth: 40 feet
Width: 400 to 800 feet
Length: 5.3 miles
Quantity: 1,800,000 CY
Type of Material: Silt and Sand
Placement Area: Upland
Distance to Placement Area: <5 miles
Type of Equipment: Cuttersuction
Small business Set Aside: No
Last Dredged: 2005
Environmental Window: No
Reason for window: NA
FY 06 Funding: Between $500K and $1M

Advertisement Date: 15 June 2006
Bid Opening Date: 5 August 2006
Award Date: 25 August 2006
Dredging Begins: 8 September 2006
Dredging Complete: 25 August 2007



JACKSONVILLE HARBOR FLORIDA

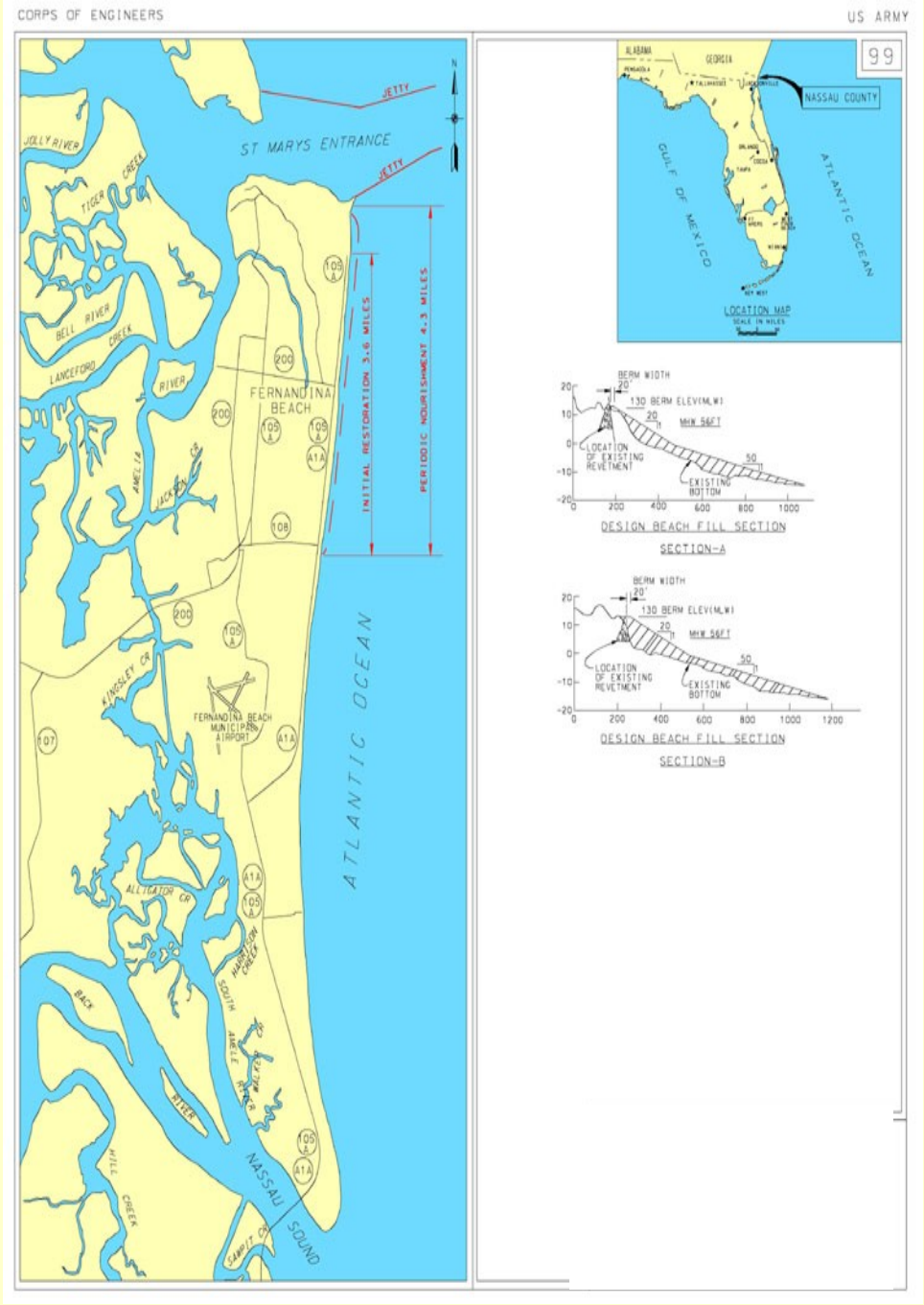
Jacksonville Harbor

Project: IWW Jacksonville to Miami, Vicinity of Nassau County (Nassau Sound and Sawpit Creek)
Type Work: Maintenance Dredging

Depth: 12 Feet
Width: 125 Feet
Length: 4 Miles
Quantity: 250,000 CY
Type of Material: Sand and Silt
Placement Area: Beach and Upland
Distance to Placement Area: <5 miles
Type of Equipment: Cuttersuction
Small business Set Aside: Yes
Last Dredged: 2001
Environmental Window: Yes
Reason for window: WQC Expires 6 June
FY 06 Funding: Between $1M and $5M

Advertisement Date: 29 November 2005
Bid Opening Date: 13 January 2006
Award Date: 13 February 2006
Dredging Begins: 13 April 2006
Dredging Complete: 2 June 2006

IWW Vicinity of Nassau Sound and Sawpit Creek

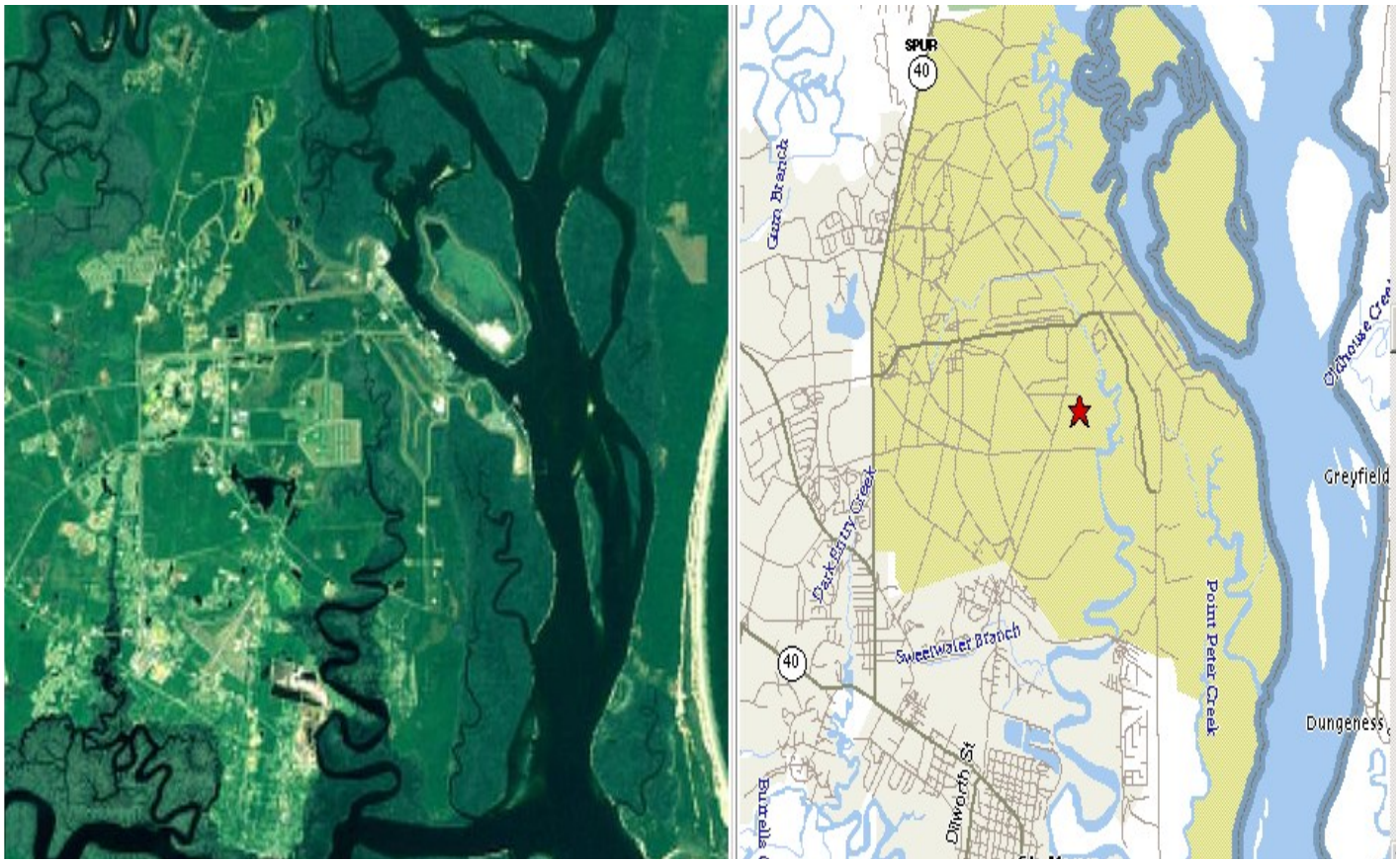


Project: Kings Bay Navy Base
Type Work: Maintenance Dredging

Depth: 46 feet + 2 allowable overdepth
Width: 500 feet
Length: 15,000 feet
Quantity: 800,000 CY
Type of Material: Sand, silt, clay and shell
Placement Area: Upland
Distance to Placement Area: 3 miles
Type of Equipment: Cuttersuction
Small business Set Aside: Yes
Last Dredged: 2005
Environmental Window: No
Reason for window: N/A
FY 06 Funding: Between $1M and $5M

Advertisement Date: 15 Dec 2005
Bid Opening Date: 30 Jan 2006
Award Date: 15 Feb 2006
Dredging Begins: 1 Apr 2006
Dredging Complete: 30 Jun 2006

Kings Bay Navy Base

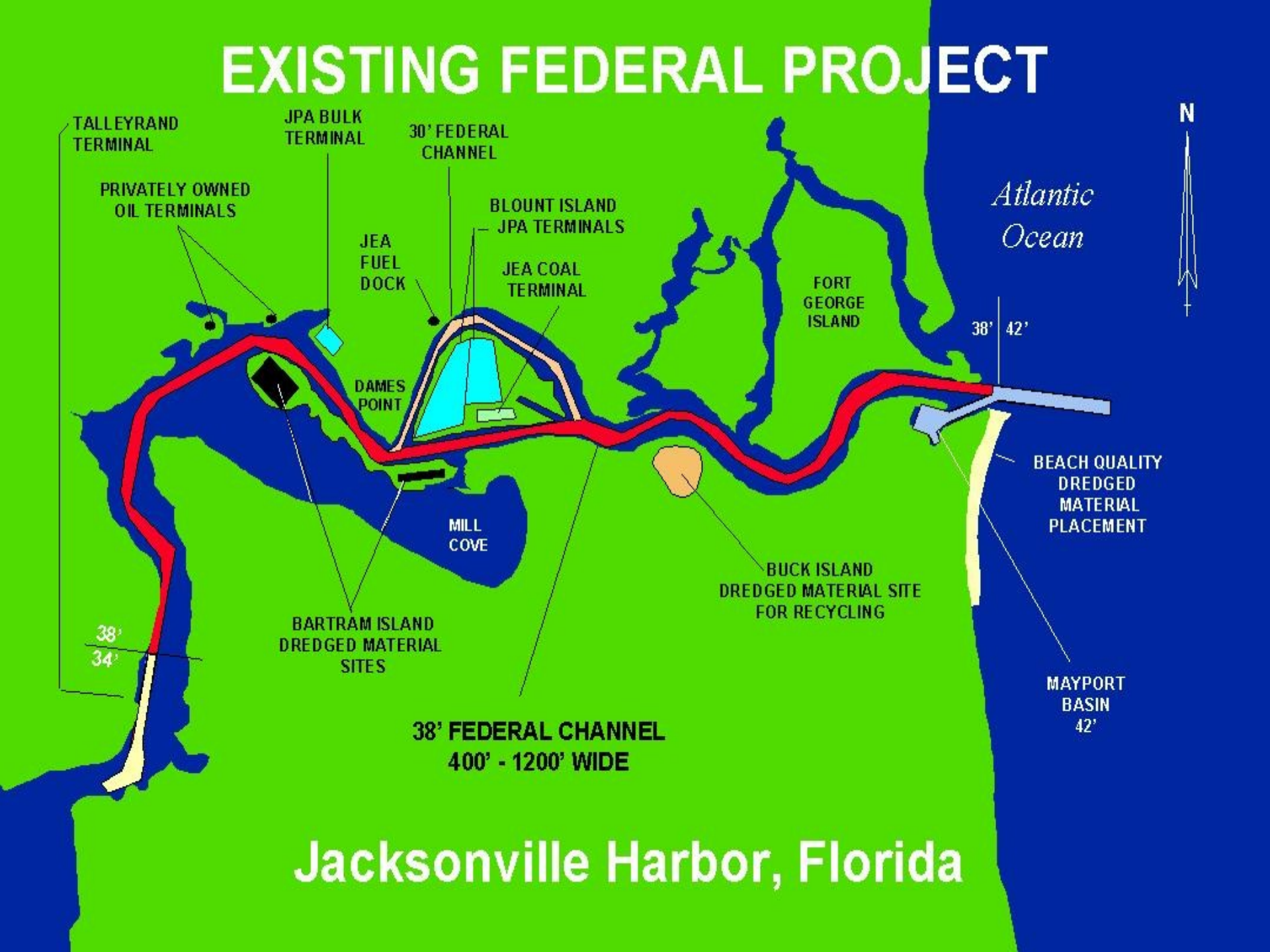


Kings Bay Navy Base

Project: Jacksonville Harbor
Type Work: Maintenance Dredging

Depth: 40 feet
Width: 400 to 800 feet
Length: 5.3 miles
Quantity: 250,000 CY
Type of Material: Silt and Sand
Placement Area: Upland
Distance to Placement Area: <5 miles
Type of Equipment: Cuttersuction
Small business Set Aside: No, unrestricted
Last Dredged: 2005
Environmental Window: No
Reason for window: NA
FY 06 Funding: Between $1M & $5M

Advertisement Date: 15 January 2006
Bid Opening Date: 1 March 2006
Award Date: 31 March 2006

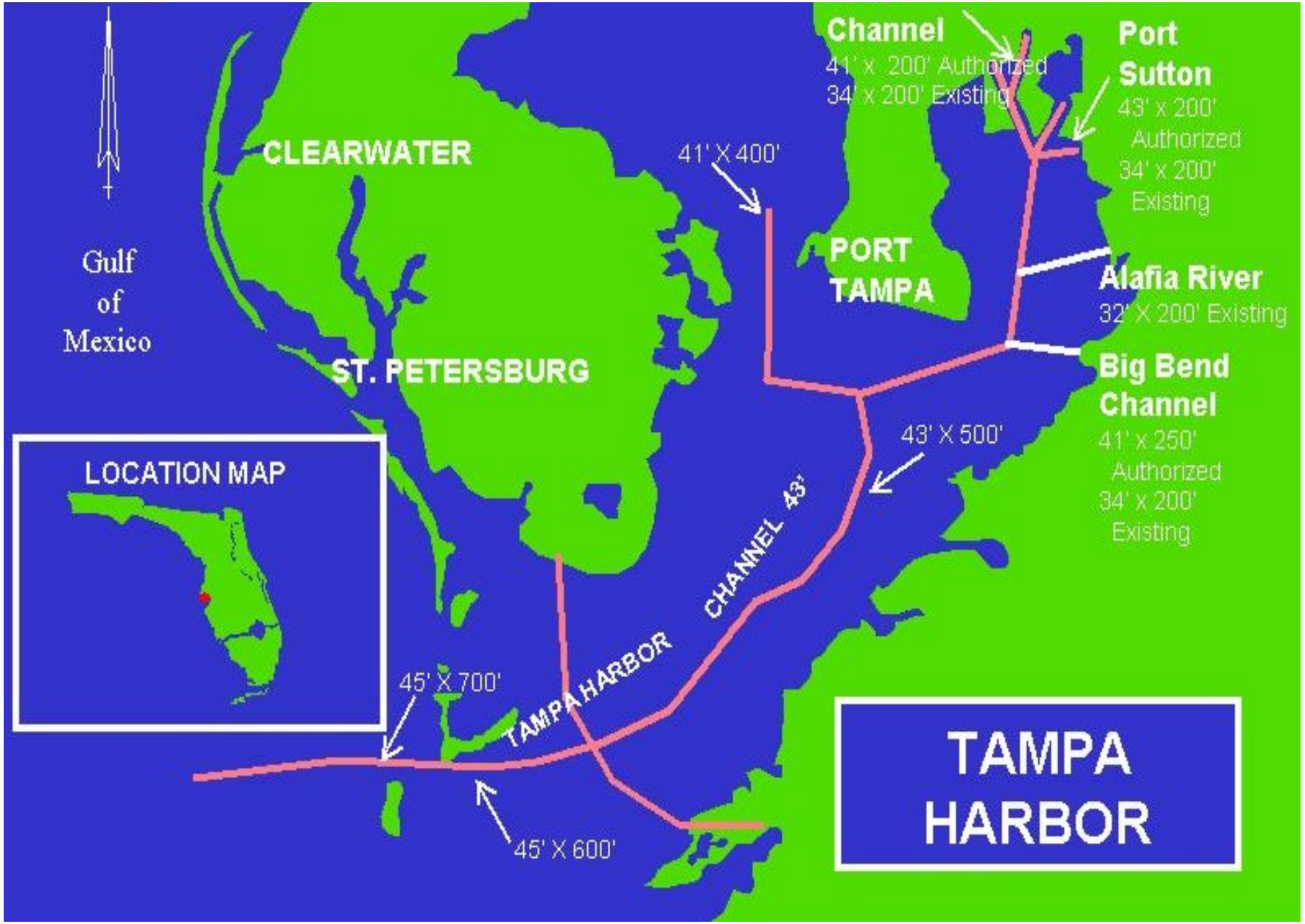

EXISTING FEDERAL PROJECT
TALLEYRAND TERMINAL
JPA BULK TERMINAL
30' FEDERAL CHANNEL
PRIVATELY OWNED OIL TERMINALS
BLOUNT ISLAND JPA TERMINALS
JEA FUEL DOCK
JEA COAL TERMINAL
FORT GEORGE ISLAND
Atlantic Ocean
N
38'
42'
DAMES POINT
BEACH QUALITY DREDGED MATERIAL PLACEMENT
MILL COVE
BUCK ISLAND DREDGED MATERIAL SITE FOR RECYCLING
38'
34'
BARTRAM ISLAND DREDGED MATERIAL SITES
MAYPORT BASIN 42'
38' FEDERAL CHANNEL
400' - 1200' WIDE
Jacksonville Harbor, Florida

Jacksonville Harbor

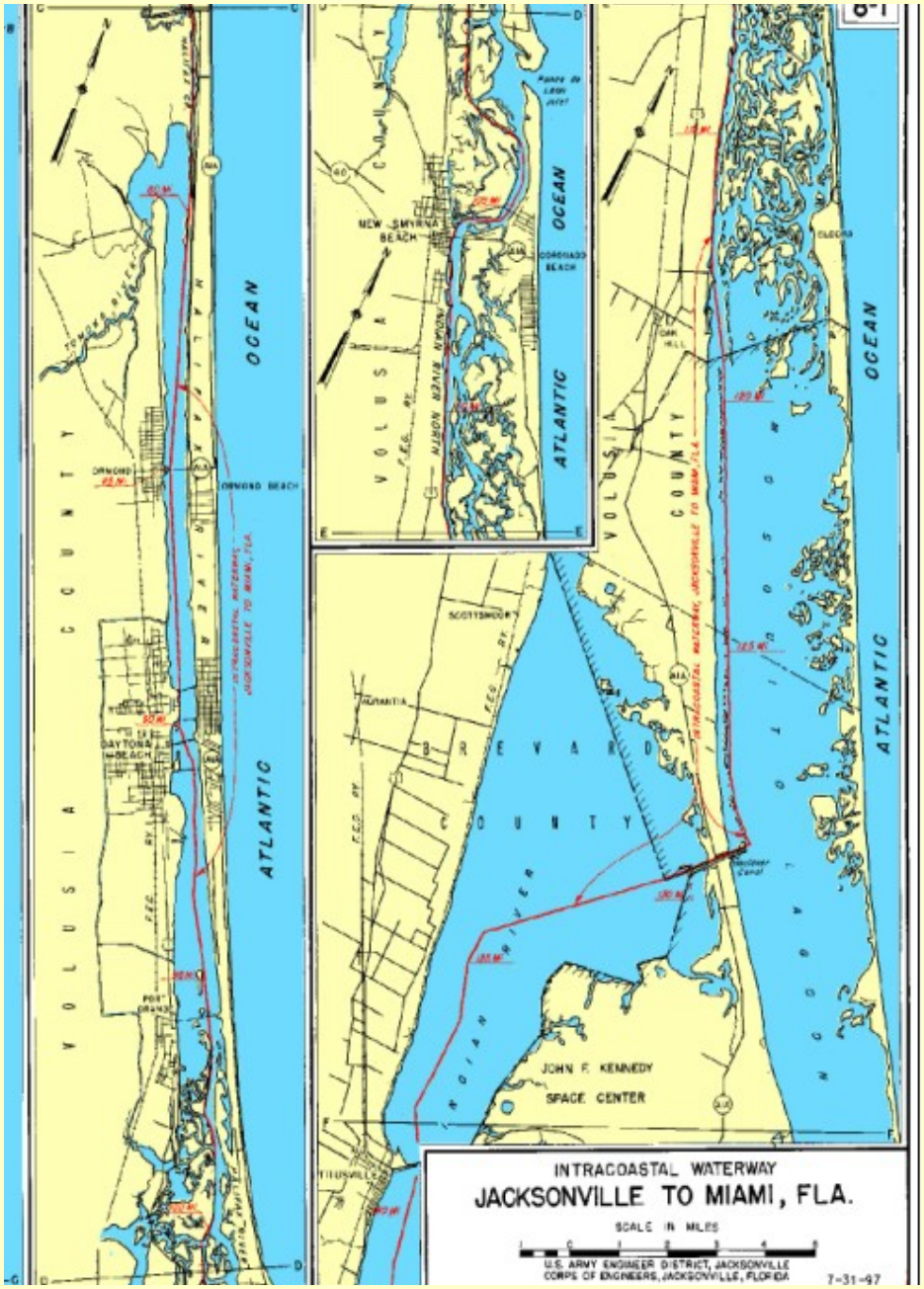
Project: Tampa Harbor-Port Sutton Channel
Type Work: Maintenance Dredging

Depth: 34 Feet
Width: 200 Feet
Length: 3,000 feet
Quantity: 600,000 CY
Type of Material: Sand and Silt
Placement Area: Open Water, McKay Bay
Distance to Placement Area: <5 miles
Type of Equipment: Cuttersuction or Bucket
Small business Set Aside: No
Last Dredged: Locally constructed and Maintained
Environmental Window: No
Reason for window: N/A
FY 06 Funding: Between $1M and $5M

Advertisement Date: 15 February 2006
Bid Opening Date: 3 April 2006


Channel
41' x 200' Authorized
34' x 200' Existing
Port Sutton
43' x 200'
Authorized
34' x 200'
Existing
CLEARWATER
41' X 400'
PORT TAMPA
Alafia River
32' X 200' Existing
Gulf of Mexico
ST. PETERSBURG
Big Bend Channel
41' x 250'
Authorized
34' x 200'
Existing
43' X 500'
LOCATION MAP
CHANNEL 43'
TAMPA HARBOR
45' X 700'
45' X 600'
TAMPA HARBOR

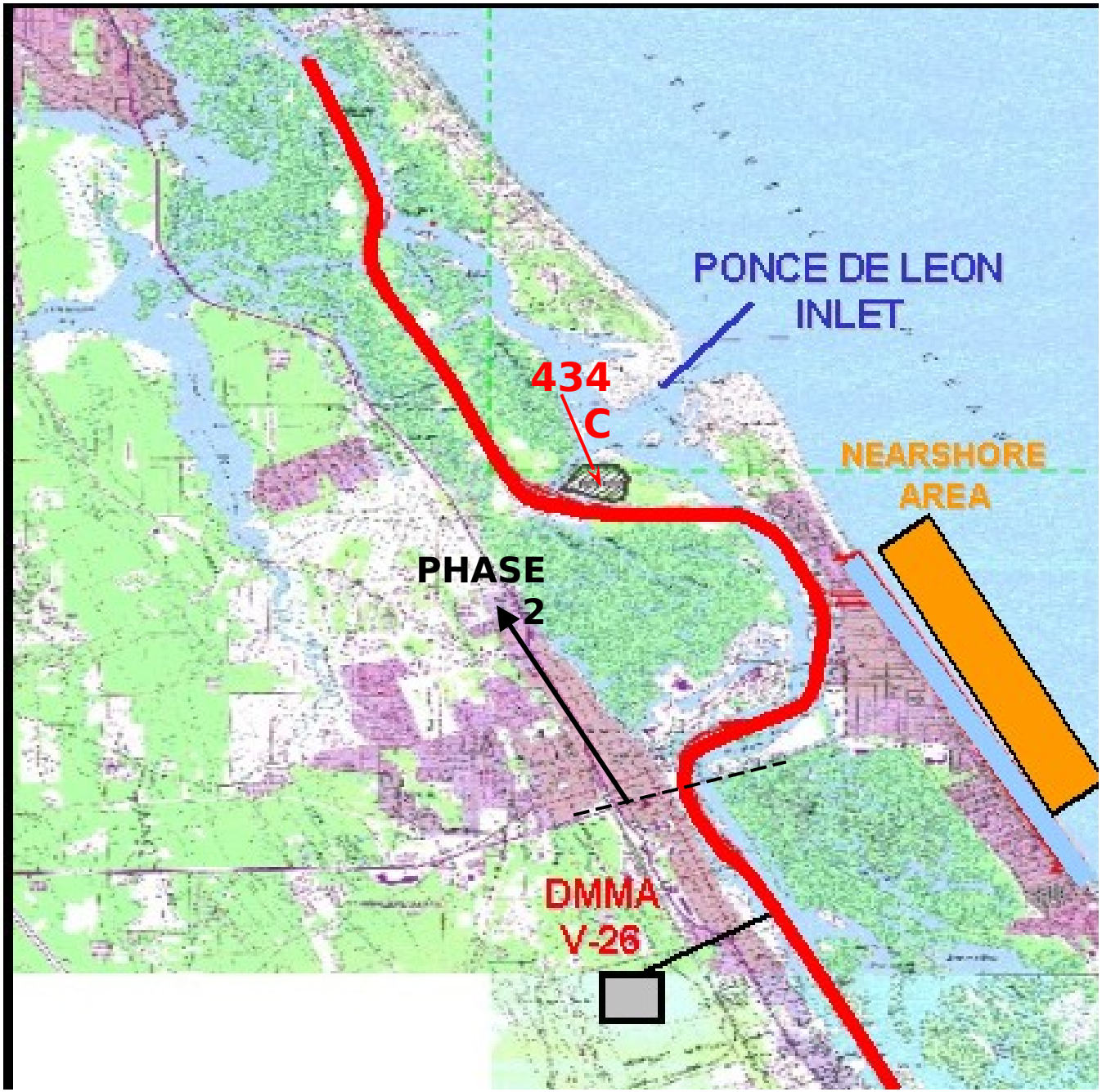
Tampa Harbor (Port Sutton)



Project: IWW Jacksonville to Miami, Vicinity of Volusia County
Type Work: Maintenance Dredging

Depth: 12 Feet
Width: 125 feet
Length: 5 Miles
Quantity: 800,000 CY
Type of Material: Sand
Placement Area: Nearshore & Upland (434C)
Distance to Placement Area: <5 miles
Type of Equipment: Cuttersuction
Small Business Set Aside: Yes
Last Dredged: 1993
Environmental Window: No
Reason for window: N/A
FY 06 Funding: Between $10 and $15M

Advertisement Date: 30 January 2006
Bid Opening Date: 16 March 2006
Award Date: 5 July 2006
Dredging Begins: 1 September


PONCE DE LEON
INLET
434
C
NEARSHORE
AREA
PHASE
2
DMMA
V-26

IWW J to M Vicinity of Volusia County

NAD/SAJ DREDGING MEETING

FY 2006

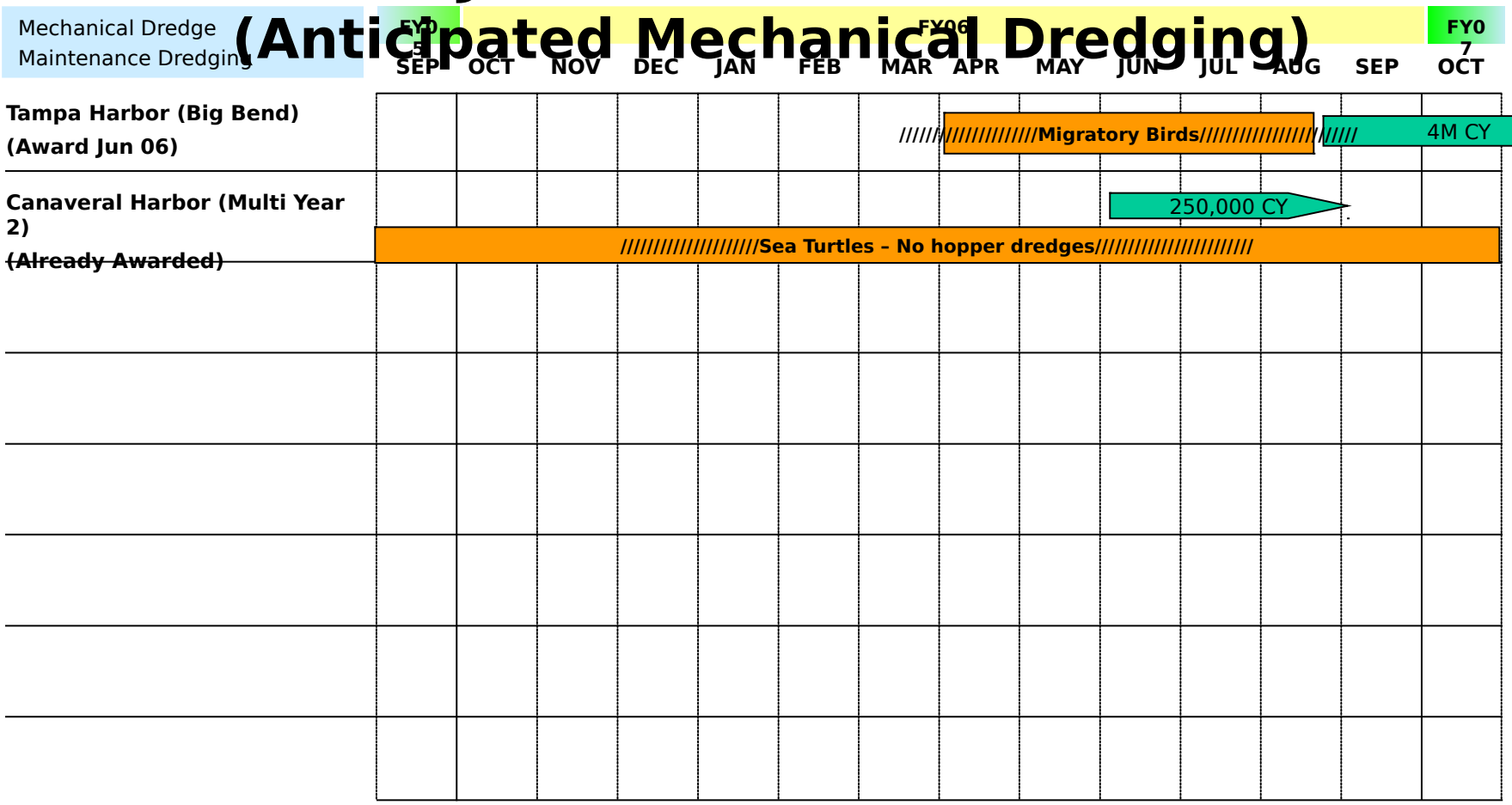
MECHANICAL

DREDGING PROGRAM

US Army Corps of Engineers ®

Scheduled FY06 Dredging Work in Jacksonville District (Anticipated Mechanical Dredging)

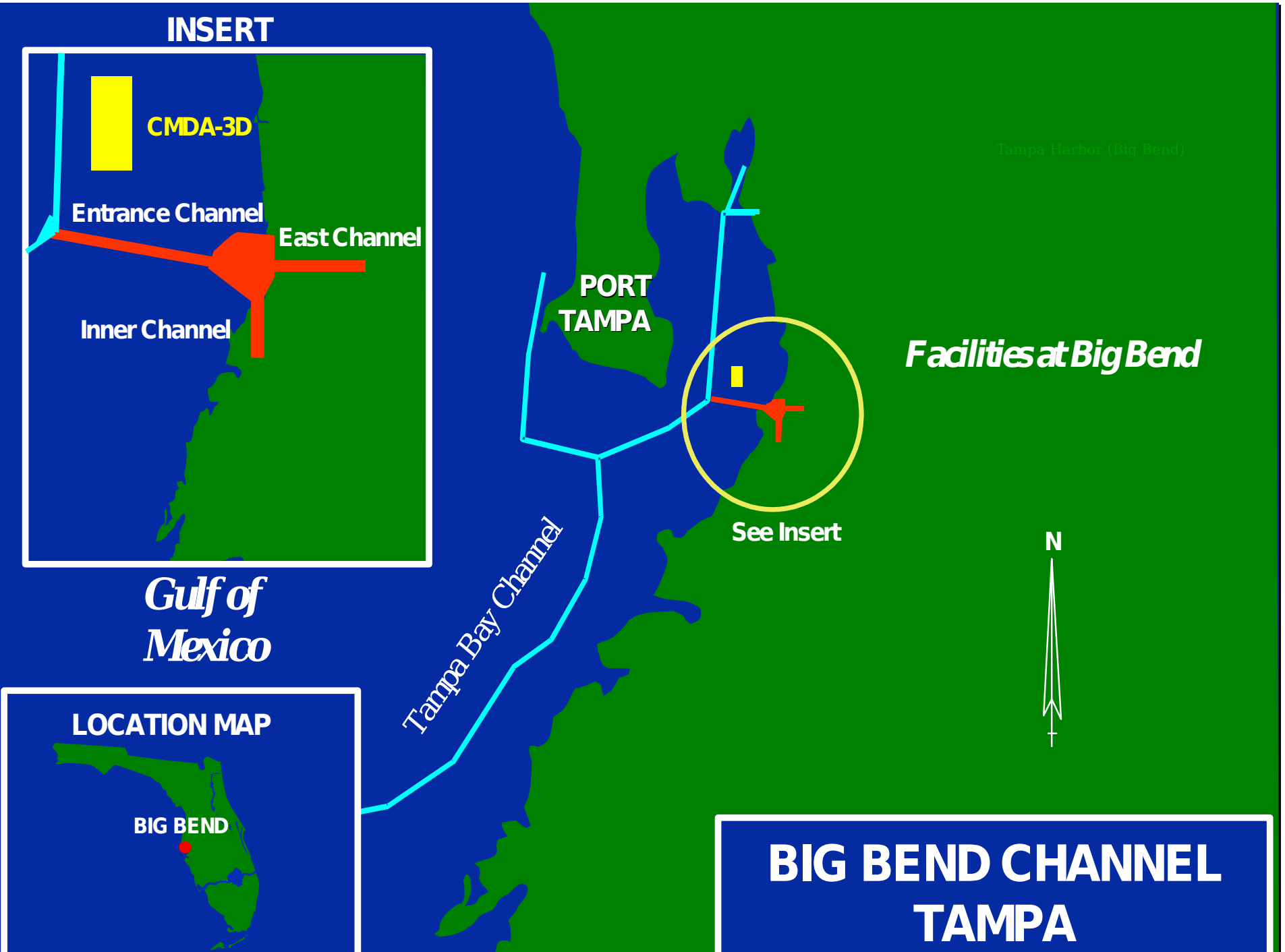
Mechanical Dredge Maintenance Dredging



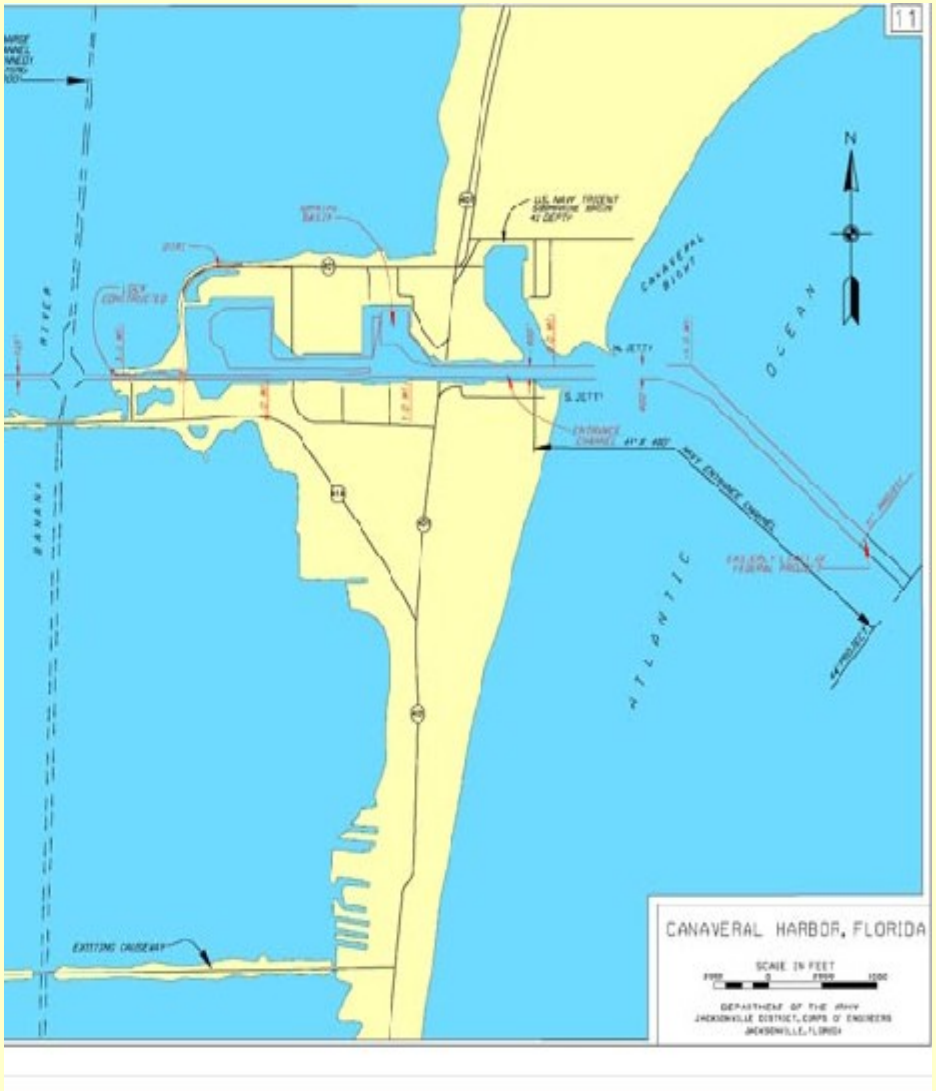
Project: Tampa Harbor (Big Bend)
Type Work: New Work

Depth: 41 feet + 2 ft adv maint.
Width: 250 feet
Length: 2.2 miles
Quantity: 4,000,000 CY
Type of Material: Sand. Silt, Clay and Shell
Placement Area: Upland (3D)
Distance to Placement Area: 3 miles
Type of Equipment: Mechanical or Cuttersuction
Small business Set Aside: No, unrestricted
Last Dredged: 1970 for construction
Environmental Window: Yes, 1 Apr – 15 Aug
Reason for window: Migratory Birds
FY 06 Funding: Between $10 and $15M

Advertisement Date: 18 January 2006
Bid Opening Date: 17 February 2006


INSERT
CMDA-3D
Entrance Channel
East Channel
Inner Channel
PORT
TAMPA
Facilities at Big Bend
See Insert
Gulf of
Mexico
Tampa Bay Channel
N
LOCATION MAP
BIG BEND
BIG BEND CHANNEL
TAMPA

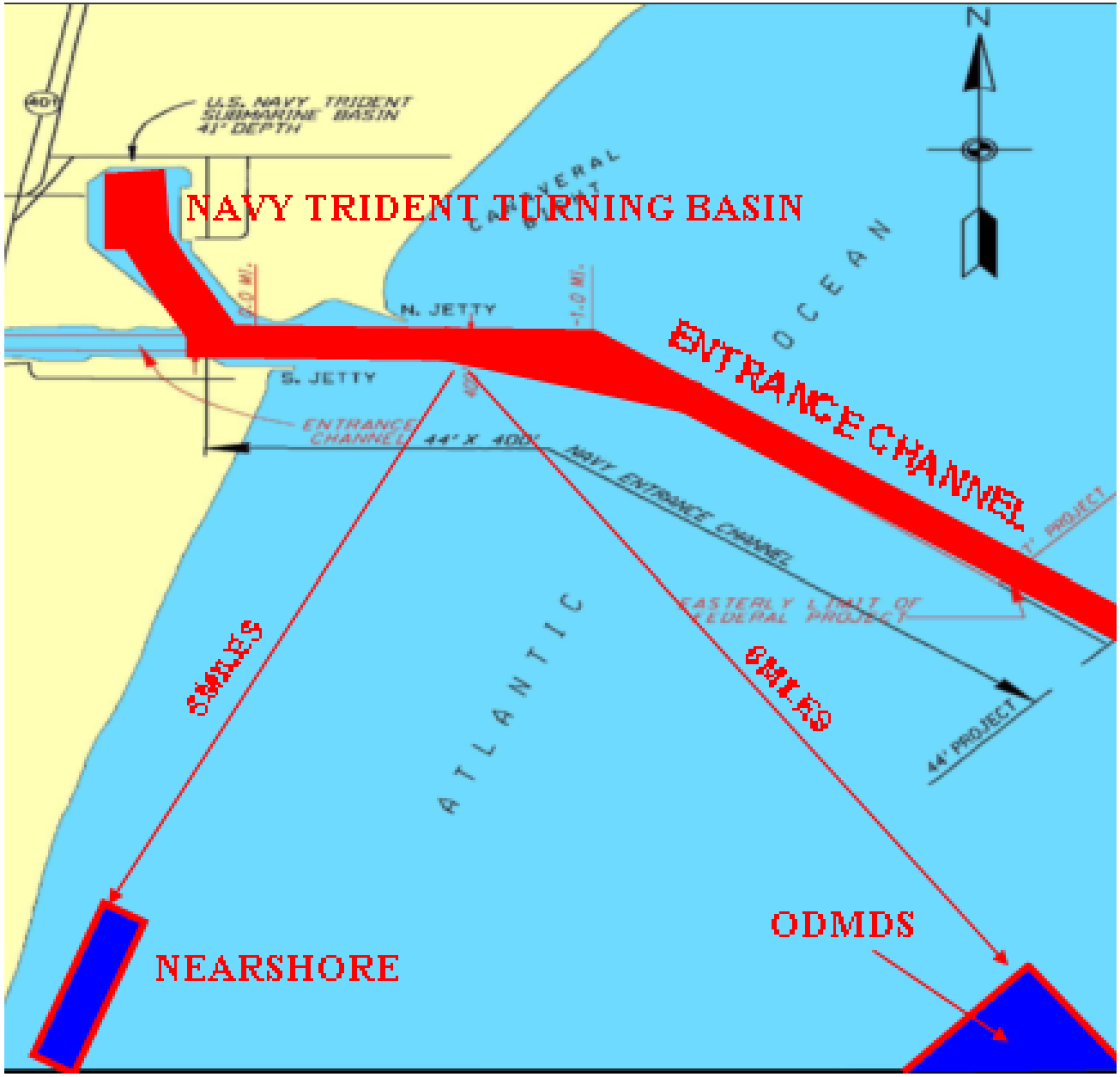
Tampa Harbor (Big Bend)



Project: Canaveral Harbor Multi-year, Opt Yr 1
Type Work: Maintenance Dredging

Depth: 44 feet deep and 400 feet wide
Quantity: 250,000 CY
Type of Material: Sand and silt
Placement Area: ODMDS & Nearshore
Distance to Placement Area: 6 miles
Type of Equipment: Clamshell
Small Business Set Aside: N/A
Last Dredged: 2005
Environmental Window: Yes
Reason for window: No Hoppers
FY 06 Funding: Between $1M and $5M

Advertisement Date: NA
Bid Opening Date: NA
Award Date (Option Year): April 2006
Dredging Begins: June 2006
Dredging Complete: September 2006


U.S. NAVY TRIDENT SUBMARINE BASIN 41' DEPTH
NAVY TRIDENT TURNING BASIN
N. JETTY
S. JETTY
ENTRANCE CHANNEL
ENTRANCE CHANNEL
OCEAN
ATLANTIC
N
SHOALS
SHOALS
NEARSHORE
ODMDS

Canaveral Harbor